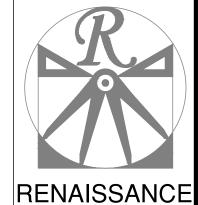


SQUARE FOOTAGE (I.F.S.)

Ist FLOOR: 736 SQ. FT. 2nd FLOOR: 1120 SQ. FT. TOTAL: 1856 SQ. FT. GARAGE: 448 SQ. FT. FRONT PORCH: 84 SQ. FT. STD. REAR PATIO: 100 SQ. FT. 100 SQ. FT. OPT. REAR PORCH: OPT. THIRD CAR GARAGE: 224 SQ. FT.



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WESTAN HOMES CAROLINA COLLECTI BRINKLEY

DATE: JUNE 22, 2021

REV.:

SCALE: 1/4" = 1'-0"

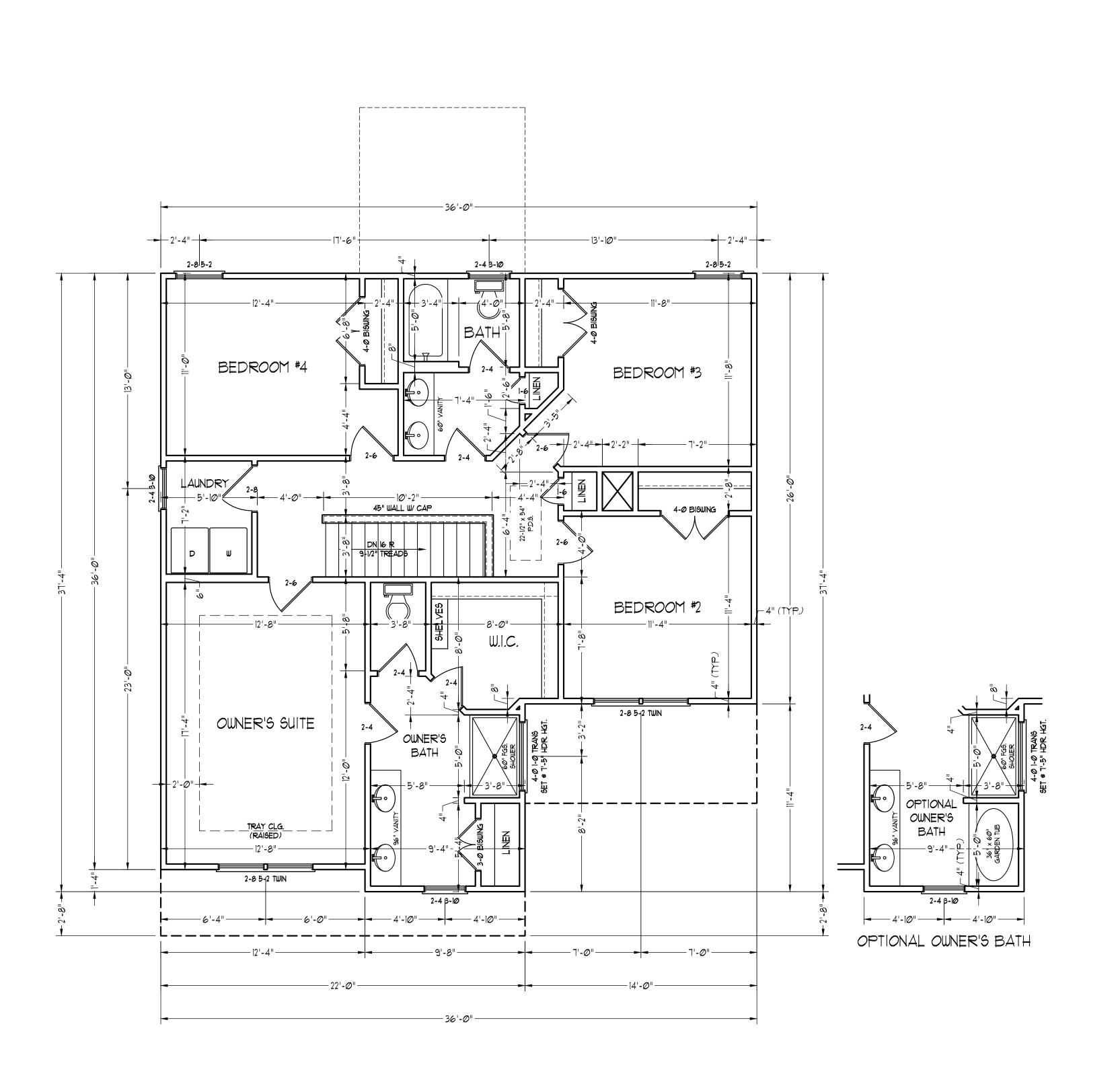
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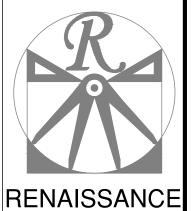
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FIRST FLOOR PLAN

A-4





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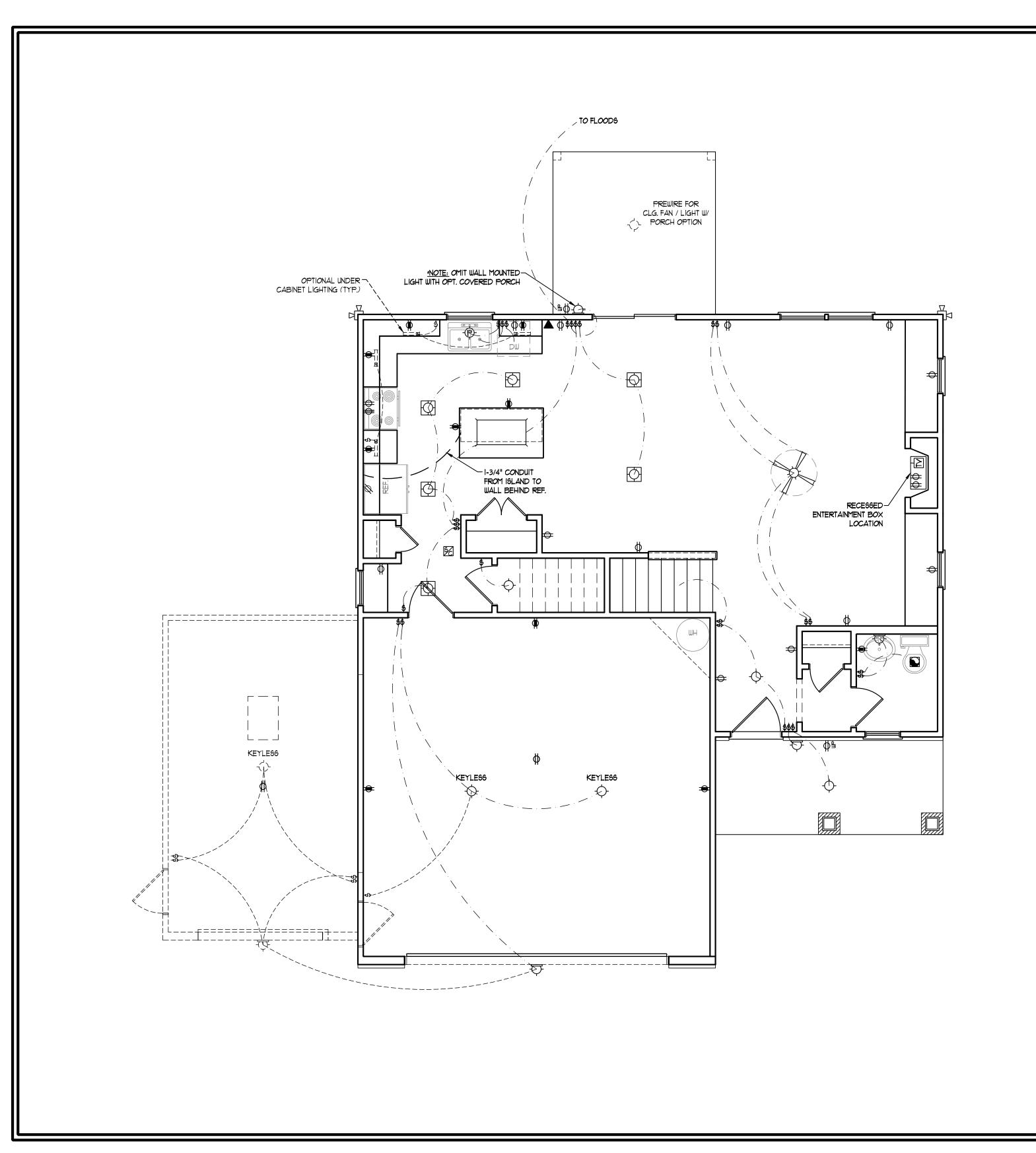
SCALE: 1/4" = 1'-0"

DRAWN BY: WG

ENGINEERED BY: REVIEWED BY:

SECOND FLOOR PLAN

A-5



ELECTRICAL LAYOUT NOTES:

1.) BLOCK AND WIRE FOR ALL CELING FANS PER PLAN.

REQUIRED BY CODE TO BE

4.) PLACE SWITCHES 8" (MIN.) FROM

90" AFF. (TYP.)

3.) ADDITIONAL EXTERIOR OUTLETS LOCATED BY ELECTRICIAN.

ROUGH OPENINGS.

- → IIØ Y OUTLET
- ₩ IIØ V GFI OUTLET
- = 110 Y SWITCHED OUTLET

BB = 110 Y BASEBOARD OUTLET

- COUNTER OR FLOOR MOUNTED

- MINI CAN LIGHT
- EYEBALL LIGHT

FLUORESCENT LIGHT

DIMMER SWITCH

△ DATA

TELEPHONE AND DATA

TY- TY CONNECTION

TV/ DATA

SP SPEAKER

110 V SMOKE/ CM DETECTOR

5D 110 Y SMOKE DETECTOR

LOW VOLTAGE PANEL ALARM PANEL





DATE: JUNE 22, 2021

SCALE: 1/4" = 1'-0" DRAWN BY: WG

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FIRST FLOOR

ELECTRICAL PLAN E-1

 $C: \label{localized-loca$



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2.) VANITY LIGHTS TO BE SET

ELECTRICAL LEGEND

4-PLEX

COUNTER OR FLOOR MOUNTED 110Y GFI

₩EATHERPROOF

⇒ 220 ∨ OUTLET

Ø 110 V DEDICATED CIRCUIT

220 V DEDICATED CIRCUIT

PH SPECIAL PURPOSE (240 V, ETC.)

- WALL MOUNT LIGHT

-P- PENDANT LIGHT

RECESSED CAN LIGHT

UNDERCABINET LIGHT

FLOOD LIGHT

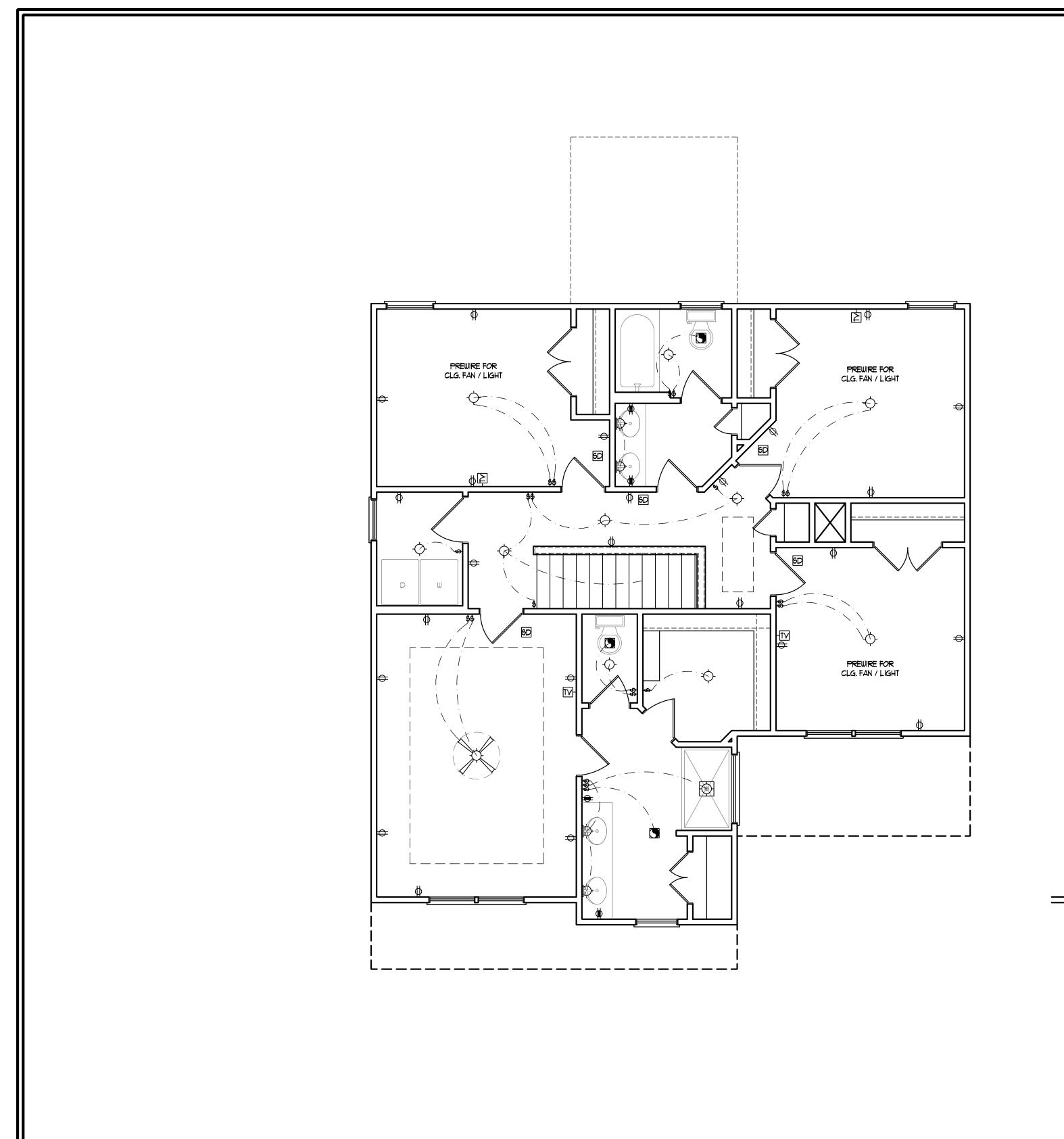
SWITCH

▲ TELEPHONE

CD- CONDUIT FOR COMPONENT WIRING

EXHAUST FAN





ELECTRICAL LAYOUT NOTES:

1.) BLOCK AND WIRE FOR ALL CELING FANS PER PLAN.

2.) VANITY LIGHTS TO BE SET 90" AFF. (TYP.)

3.) ADDITIONAL EXTERIOR OUTLETS REQUIRED BY CODE TO BE LOCATED BY ELECTRICIAN.

4.) PLACE SWITCHES 8" (MIN.) FROM ROUGH OPENINGS.

ELECTRICAL LEGEND

- ⇒ 110 ∨ OUTLET
- ₩ IIØ V GFI OUTLET
- → 110 V SWITCHED OUTLET

BB - 110 Y BASEBOARD OUTLET

- 4-PLEX
- COUNTER OR FLOOR MOUNTED
- COUNTER OR FLOOR MOUNTED 110Y GFI
- ₩EATHERPROOF
- **⇒** 220 ∨ OUTLET
- Ø 110 V DEDICATED CIRCUIT
- # 220 V DEDICATED CIRCUIT

- RECESSED CAN LIGHT

FLUORESCENT LIGHT

FLOOD LIGHT

\$D DIMMER SWITCH

▲ TELEPHONE

TV/ DATA

CD- CONDUIT FOR COMPONENT WIRING

IIØ V SMOKE/ CO DETECTOR

EXHAUST FAN

LOW VOLTAGE PANEL

ALARM PANEL

OPTIONAL OWNER'S BATH





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SECOND FLOOR ELCTRICAL PLAN

E-2

PH SPECIAL PURPOSE (240 V, ETC.)

- WALL MOUNT LIGHT

-P- PENDANT LIGHT

MINI CAN LIGHT

EYEBALL LIGHT

UNDERCABINET LIGHT

SWITCH

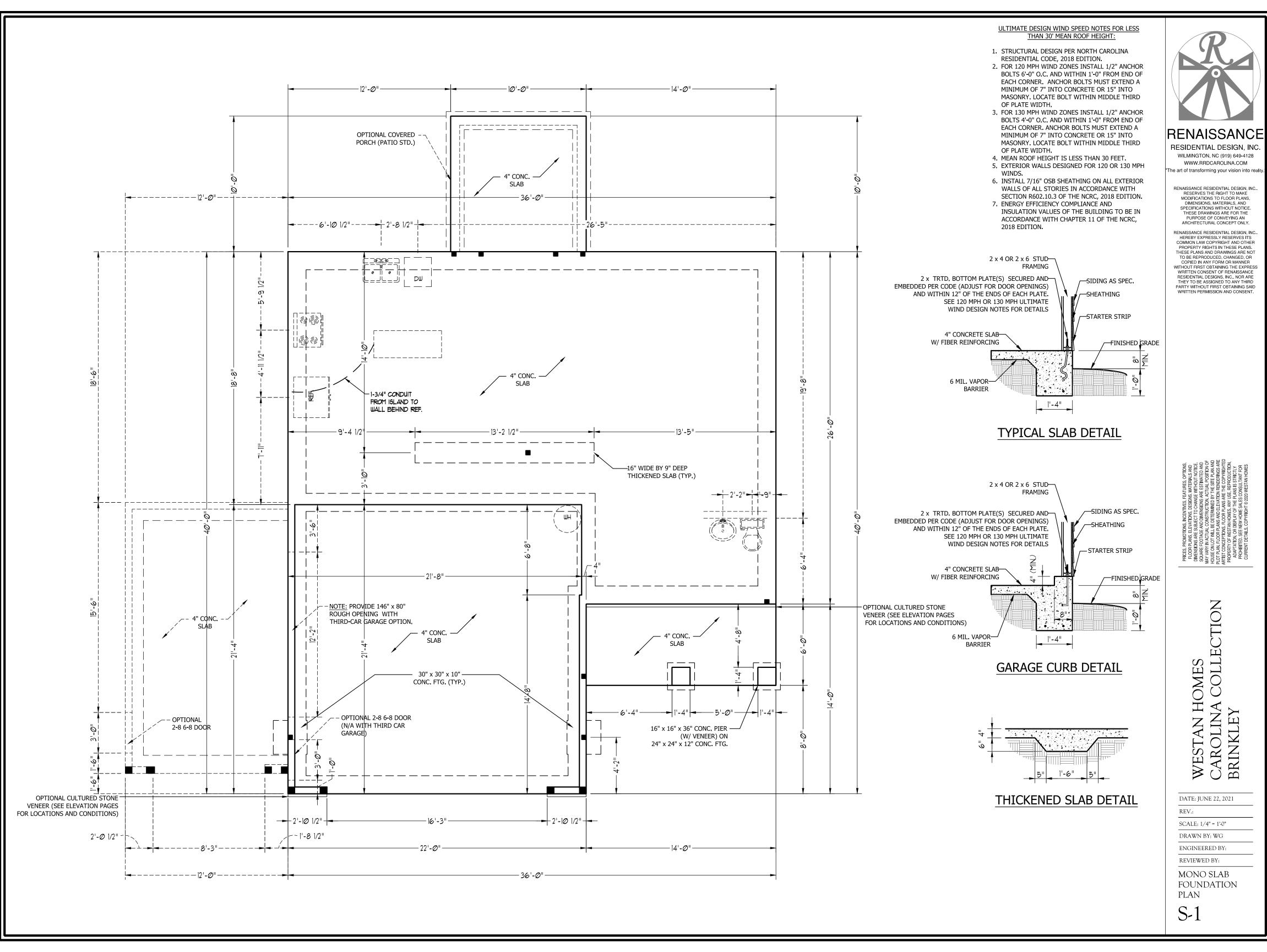
△ DATA

TY- TY CONNECTION

SP SPEAKER

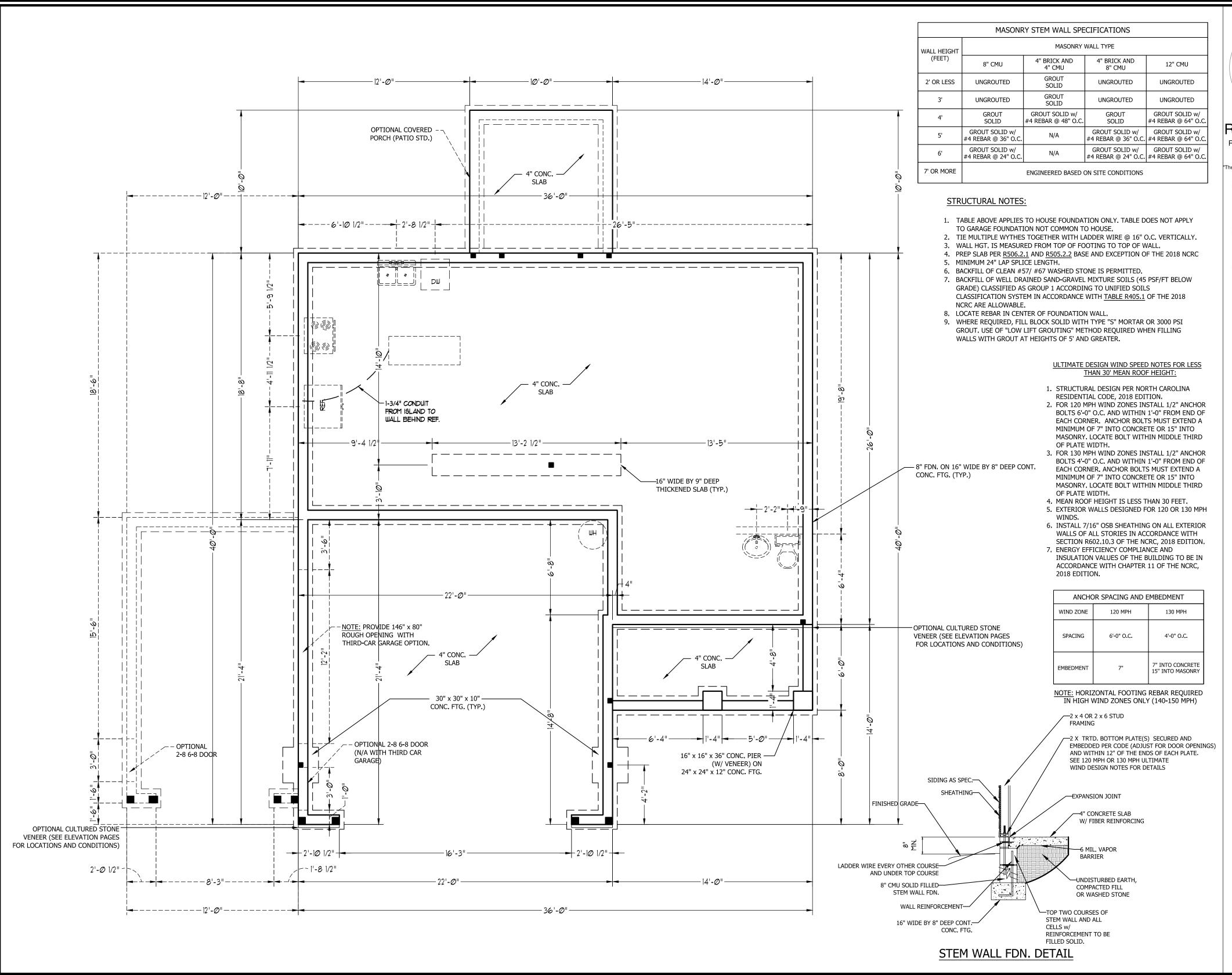
6D 110 V SMOKE DETECTOR

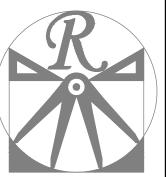




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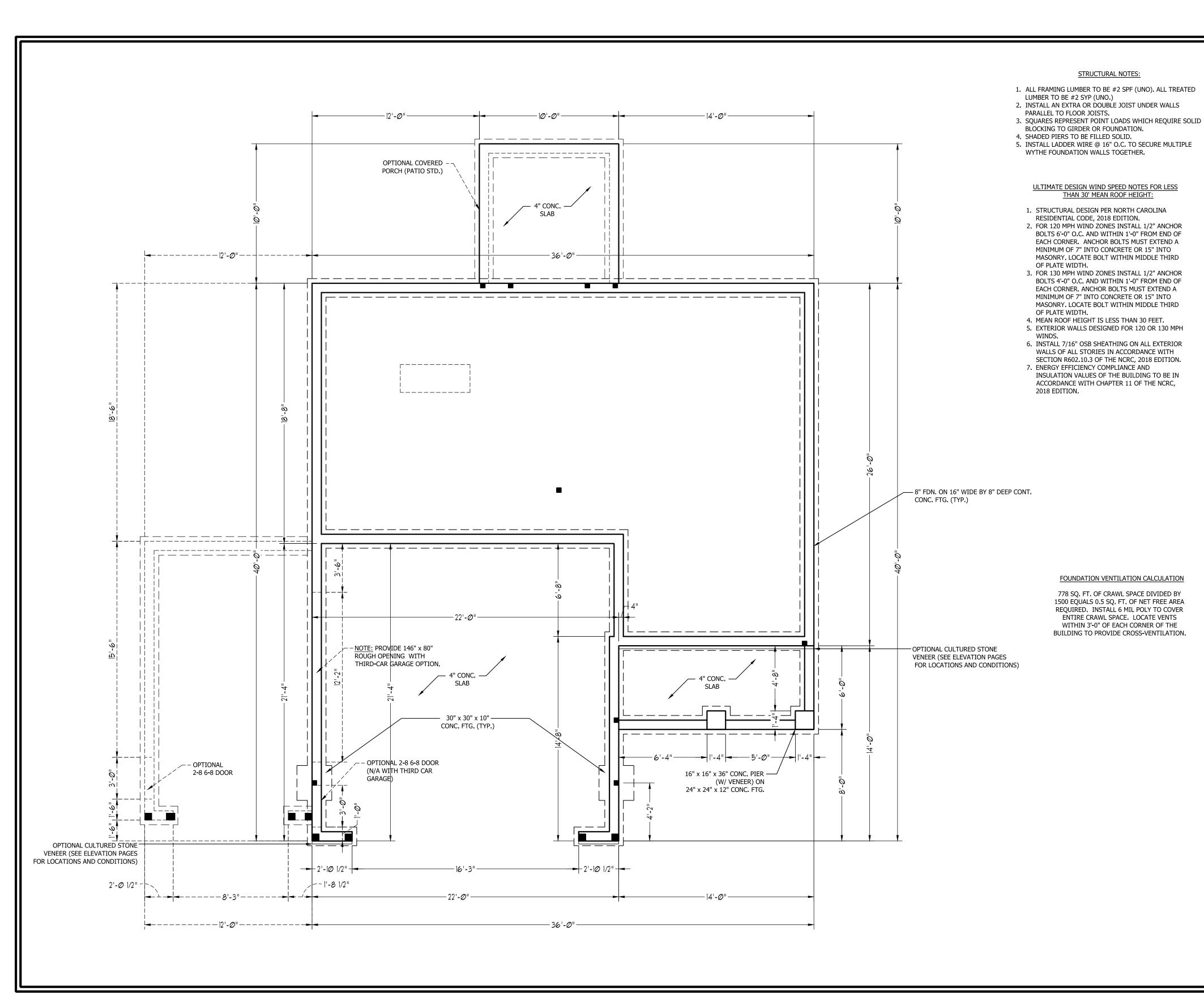
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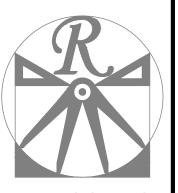
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STEMWALL SLAB FOUNDATION

S-1

PLAN





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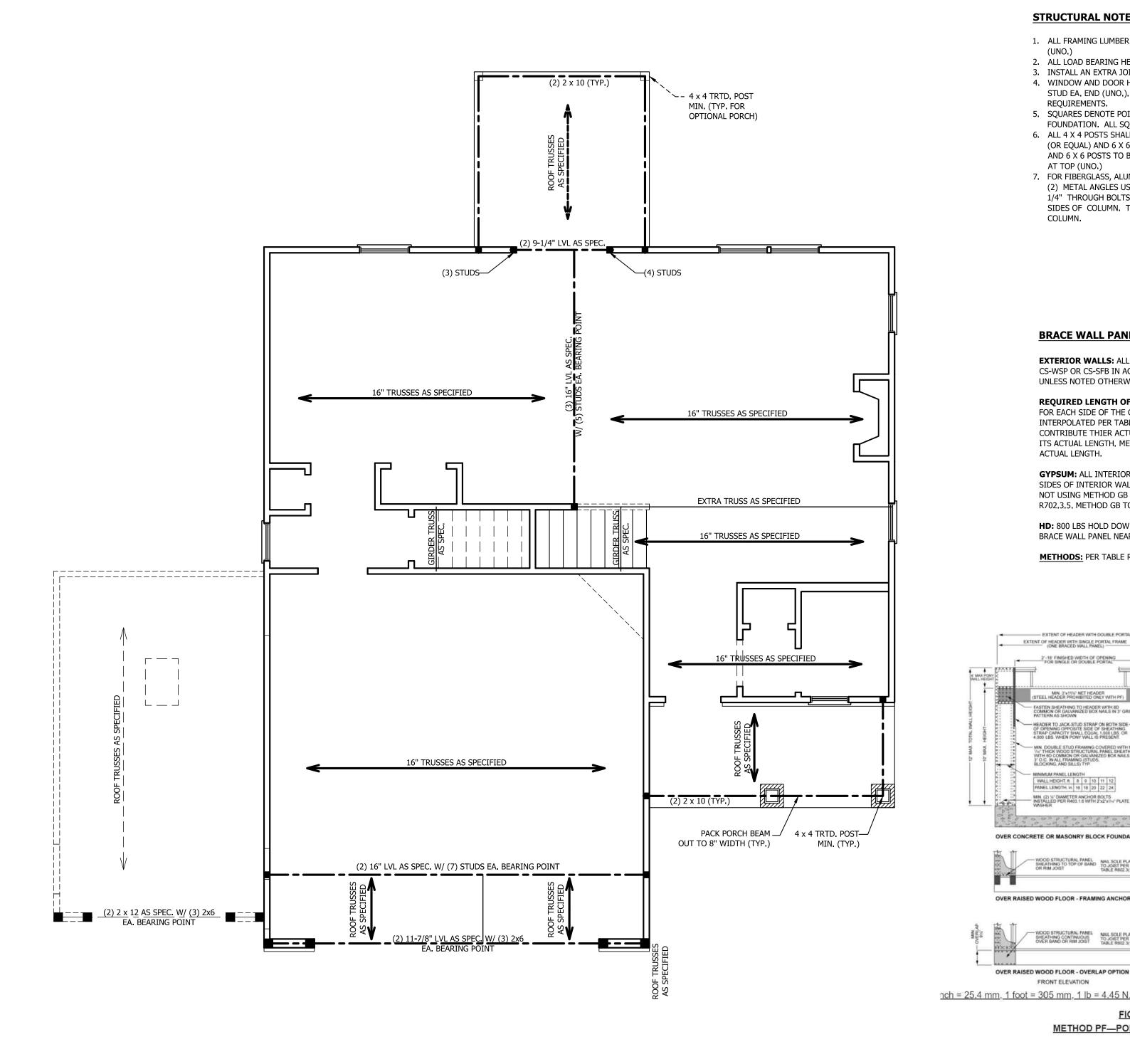
DRAWN BY: WG

ENGINEERED BY:

REVIEWED BY:

CRAWL FOUNDATION PLAN

S-1



STRUCTURAL NOTES:

- 1. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2
- 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 4 (UNO).
- 3. INSTALL AN EXTRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS
- 4. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO.). SEE TABLE R602.7.5 FOR ADDITIONAL KING STUD REQUIREMENTS.
- 5. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO.)
- 6. ALL 4 X 4 POSTS SHALL BE ANCHORED TO SLABS W/ SIMPSON ABU44 POST BASES (OR EQUAL) AND 6 X 6 POSTS W/ ABU66 POST BASES (OR EQUAL) (UNO). ALL 4 X 4 AND 6 X 6 POSTS TO BE INSTALLED WITH 700 LB CAPACITY UPLIFT CONNECTORS AT TOP (UNO.)
- 7. FOR FIBERGLASS, ALUMINUM, OR COLUMN ENG. BY OTHERS, SECURE TO SLAB W/ (2) METAL ANGLES USING 2" CONC. SCREWS. FASTEN ANGLES TO COLUMNS W/ 1/4" THROUGH BOLTS W/ NUTS AND WASHERS. LOCATE ANGLES ON OPPOSITE SIDES OF COLUMN. THROUGH BOLTS MUST BE INSTALLED PRIOR TO SETTING COLUMN.

BRACE WALL PANEL NOTES:

EXTERIOR WALLS: ALL EXTERIOR WALLS TO BE SHEALTHED WITH CS-WSP OR CS-SFB IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.

REQUIRED LENGTH OF BRACING: REQUIRED BRACE WALL LENGTH FOR EACH SIDE OF THE CIRCUMSCRIBED RECTANGLE ARE INTERPOLATED PER TABLE R602.10.3. METHODS CS-WSP AND CS-SFB CONTRIBUTE THIER ACTUAL LENGTH. METHOD GB CONTRIBUTES 0.5 ITS ACTUAL LENGTH, METHOD PF CONTRIBUTES 1.5 TIMES ITS ACTUAL LENGTH.

GYPSUM: ALL INTERIOR SIDES OF EXTERIOR WALLS AND BOTH SIDES OF INTERIOR WALLS TO HAVE 1/2" GYPSUM INSTALLED. WHEN NOT USING METHOD GB GYPSUM TO BE FASTENED PER TABLE R702.3.5. METHOD GB TO BE FASTENED PER TABLE R602.10.1.

HD: 800 LBS HOLD DOWN DEVICE FASTENED TO THE EDGE OF THE BRACE WALL PANEL NEAREST TO THE CORNER

METHODS: PER TABLE R602.10.1

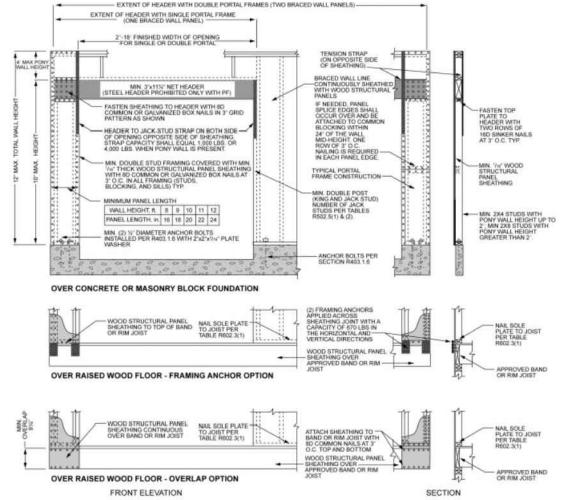
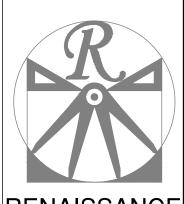


FIGURE R602.10.1 METHOD PF—PORTAL FRAME CONSTRUCTION



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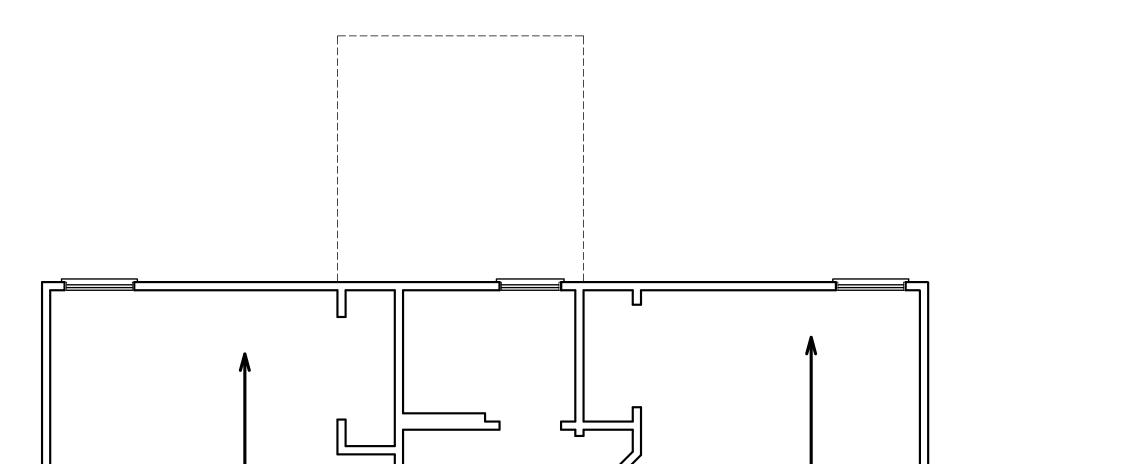
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SECOND FLOOR FRAMING PLAN

S-2



GIRDER TRUSS AS SPECIFIED

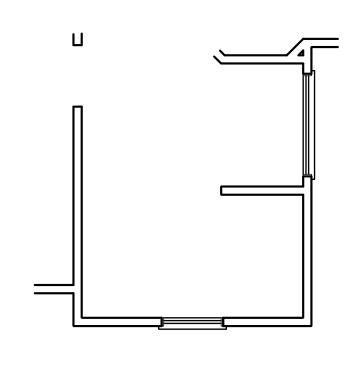
TABLE R602.7.5
MINIMUM NUMBER OF FULL HEIGHT STUDS
AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN (FEET)	MAXIMUM STUD SPACING (INCHES) (PER TABLE R602.3(5)		
(. == .)	16	24	
UP TO 3'	1	1	
4'	2	1	
8'	3	2	
12'	5	3	
16'	6	4	

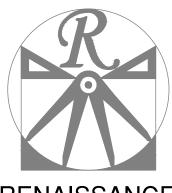
STRUCTURAL NOTES:

- 1. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO.)
- 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO).
- 3. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO.). SEE TABLE R602.7.5 FOR ADDITIONAL KING STUD REQUIREMENTS.
- 4. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO.)

DSP - DOUBLE STUD POCKET TSP - TRIPLE STUD POCKET



OPTIONAL OWNER'S BATH



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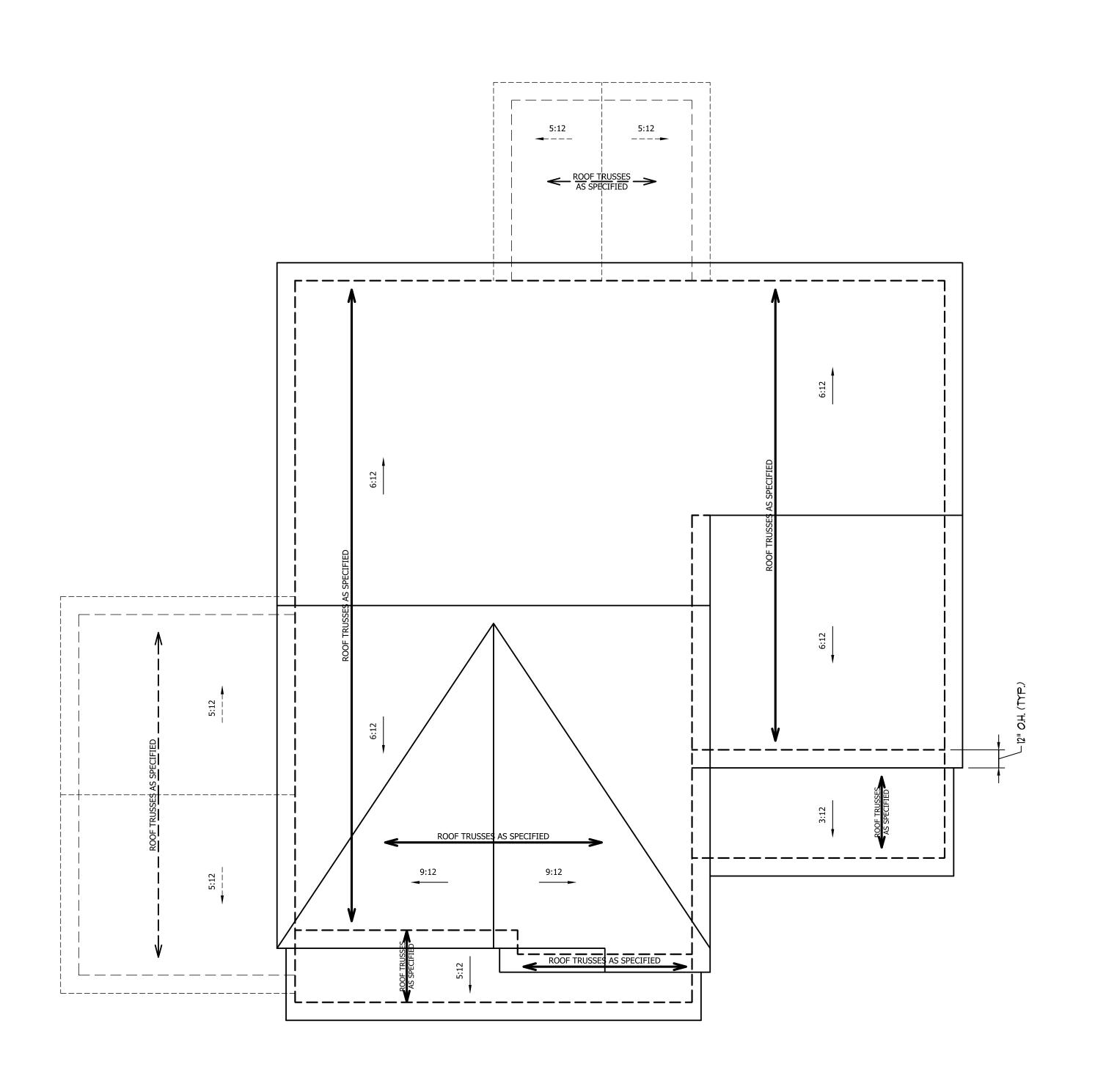
SCALE: 1/4" = 1'-0"

DRAWN BY: WG
ENGINEERED BY:

REVIEWED BY:

ATTIC FLOOR FRAMING PLAN

S-3



ATTIC VENT CALCULATION:

1484 SQ. FT. OF ATTIC DIVIDED BY 150 REQUIRES 9.9 SQ. FT. OF NET FREE VENTILATING AREA (MIN.).

STRUCTURAL NOTES:

- 1. ALL FRAMING LUMBER TO BE #2 SPF (UNO).
 2. HIP SPLICES ARE TO BE SPACED A MIN. OF 8'-
- 2. HIP SPLICES ARE TO BE SPACED A MIN. OF 8'-0". FASTEN MEMBERS WITH THREE ROWS OF 12d NAILS @ 16" O.C. (TYP.)
- 3. STICK FRAME OVER-FRAMED ROOF SECTIONS W/ 2 x 8 RIDGES, 2 x 6 RAFTERS @ 16" O.C. AND FLAT 2 x 10 VALLEYS OR USE VALLEY TRUSSES.
- 4. FASTEN FLAT VALLEYS TO RAFTERS OR TRUSSES WITH SIMPSON H2.5A HURRICANE TIES @ 32" O.C. MAX. PASS HURRICANE TIES THROUGH NOTCH IN ROOF SHEATHING. EACH RAFTER IS TO BE FASTENED TO THE FLAT VALLEY WITH A MIN. OF (6) 12d TOE NAILS.
- 5. REFER TO SECTION R802.11 OF THE 2018 NCRC FOR REQUIRED UPLIFT RESISTANCE AT RAFTERS AND TRUSSES.



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DATE: JUNE 22, 2021

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SCALE: 1/4" = 1'-0"

DRAWN BY: WG
ENGINEERED BY:

REVIEWED BY:

ROOF PLAN

5-4

